

Curriculum Intent and Breadth Map - Science



Science Intent

At Lapal, we strive to nurture young scientists through encouraging their curiosity and developing their understanding of how the world works. We aim to expand their confidence to work and experiment scientifically and think critically. To understand scientific processes and the use and implications of science, in the past, today and for the future.

As Scientists, the children will develop their knowledge and skills in the areas of **working scientifically, biology, chemistry and physics**.

		Autumn		Spring		Summer	
Key Stage 1	Year 1	Seasonal Change <i>(Physics)</i>	Everyday Materials <i>(Chemistry)</i>	My Body <i>(Biology)</i>	Identifying animals <i>(Biology)</i>	Growing Plants <i>(Biology)</i>	
	Year 2	Living in Habitats <i>(Biology)</i>		Exploring Everyday Materials <i>(Chemistry)</i>	Growth & Survival <i>(Biology)</i>	Growing Plants <i>(Biology)</i>	
Lower Key Stage 2	Year 3	Forces and Magnets <i>(Physics)</i>	Health & Movement <i>(Biology)</i>	States of Matter <i>(Physics)</i>		How Plants Grow <i>(Biology)</i>	Sound <i>(Physics)</i>
	Year 4	Rocks, Fossils & Soil <i>(Biology)</i>	Eating and Digestion <i>(Biology)</i>	Light <i>(Physics)</i>		Circuits & Conductors <i>(Physics)</i>	Living Environments <i>(Biology)</i>
Upper Key Stage 2	Year 5/6 (Cycle A)	Properties & Changes of Materials <i>(Chemistry)</i>		Earth & Space <i>(Physics)</i>	Forces in Action <i>(Physics)</i>	Lifecycles <i>(Biology)</i>	Changes & Reproduction <i>(Biology)</i>
	Year 5/6 (Cycle B)	Healthy Bodies <i>(Biology)</i>		Electricity <i>(Physics)</i>	Evolution & Inheritance <i>(Biology)</i>	Classifying Organisms <i>(Biology)</i>	Light <i>(Physics)</i>